

**Work Order ID 56320**

February 17, 2010 2:37:50 PM

Page 1

Item ID: D3784-041

Accept

Setup Start

Revision ID:

Stop

Item Name: Seat Support Assembly, Center

Start Date: 2/17/10 Start Qty: 4.00

Cust Item ID:

Required Date: 2/24/10 Req'd Qty: 4.00

Customer:

Reference:

Approvals:

Process Plan:

Date: 10-2-17

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3784	Rev B								
100	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									
110	Small Fab	0.00							
Small Fab	Memo	0.00							
Small Fab	1-assemble as per dwg D3784								
120	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									

EF 10/03/29 (4)

EF 10/03/29 (4)

8.10.03/29

(4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Work Order ID 56320

February 17, 2010 2:37:50 PM



Page 2

Item ID: D3784-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Seat Support Assembly, Center

Start Date: 2/17/10 Start Qty: 4.00



Cust Item ID:

Required Date: 2/24/10 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

Identify as per dwg & Stock Location: 278

0.00



Packaging

Memo

0.00

Packaging

12/4/28 (4)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/04/01

10-3-2/9 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

February 17, 2010 2:37:54 PM

Page 1

Work Order ID: 56320

Parent Item: D3784-041

Parent Item Name: Seat Support Assembly, Center


Start Date: 2/17/10

Required Date: 2/24/10

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec  
IPP Rev:B 08-07-18 revB as per dwg DD verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN525-10R20		Purchased	No			110	Each	45.0000	8.0000			
												
Screw												

*Handwritten:* 2/10/03/29

Warehouse  
Location

Main Warehouse

ST

45

113524

45

AN960JD10L

Purchased

No

110

Each

3,445.000

8.0000

Washer

Warehouse  
Location

Main Warehouse

ST

3445

101291

16

105793

49

110985

3380

D3763-041

Manufactured

No

110

Each

4.0000

4.0000

End Fitting Assembly

Warehouse  
Location

Main Warehouse

ST251

4

54314

1

55380

3

*Handwritten:* 2/10/03/29

*Handwritten:* 2/10/03/29

*Handwritten:* 356554 (1x)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

February 17, 2010 2:37:54 PM

Page 2

Work Order ID: 56320



Parent Item: D3784-041



Parent Item Name: Seat Support Assembly, Center

Start Date: 2/17/10

Required Date: 2/24/10

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec  
IPP Rev:B 08-07-18 revB as per dwg DD verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3763-045		Manufactured	No			110	Each	6.0000	4.0000			



End Fitting Assembly

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

6

54315

6

D3770-1

Manufactured No

110

Each

10.0000

4.0000



Tube

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

10

54316

10

*GP 10/03/29*

*GP 10/03/29*

*4*

February 17, 2010 2:37:55 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

February 17, 2010 2:37:55 PM

Work Order ID: 56320



Parent Item: D3784-041



Parent Item Name: Seat Support Assembly, Center

Start Date: 2/17/10

Required Date: 2/24/10

Comments: IPP Rev:A 08-05-19 new issue DD verified by:ec  
IPP Rev:B 08-07-18 revB as per dwg DD verified by:EC

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L3		Purchased	No			110	Each	2,661.000	8.0000			



Nut



*Handwritten signature/initials*

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

2655

110844

35

111274

27

111668

52

112314

285

112385

498

113523

58

113537

700

113644

1000

Main Warehouse

ST139

6

111668

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 54320  
*10-2-17*

**D3784-041 SEAT SUPPORT ASSY. CENTER**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-041)
1	D3770-1	TUBE	1
2	D3763-041	END FITTING ASSY	1
3	D3763-045	END FITTING ASSY	1
4	AN525-10R20	SCREW	2
5	NAS1149D0332J	WASHER (AN960JD10L)	2
6	MS21042L3	NUT	2

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.31 lbs

B	HARDWARE CHANGE, ASSY CHANGE	HS	08.06.23
A	NEW ISSUE	HS	08.06.04
REV.	DESCRIPTION	BY	DATE
DESIGN	HS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS	DRAWING NO.	REV. B
CHECKED	HS	D3784	SHEET 1 OF 5
MFG. APPR.		TITLE	SCALE
APPROVED		SEAT SUPPORT ASSEMBLY	NTS
DE APPR.		COPYRIGHT © 2008 BY DART AEROSPACE LTD	
DATE	08.06.23	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

D

D

C

C

B

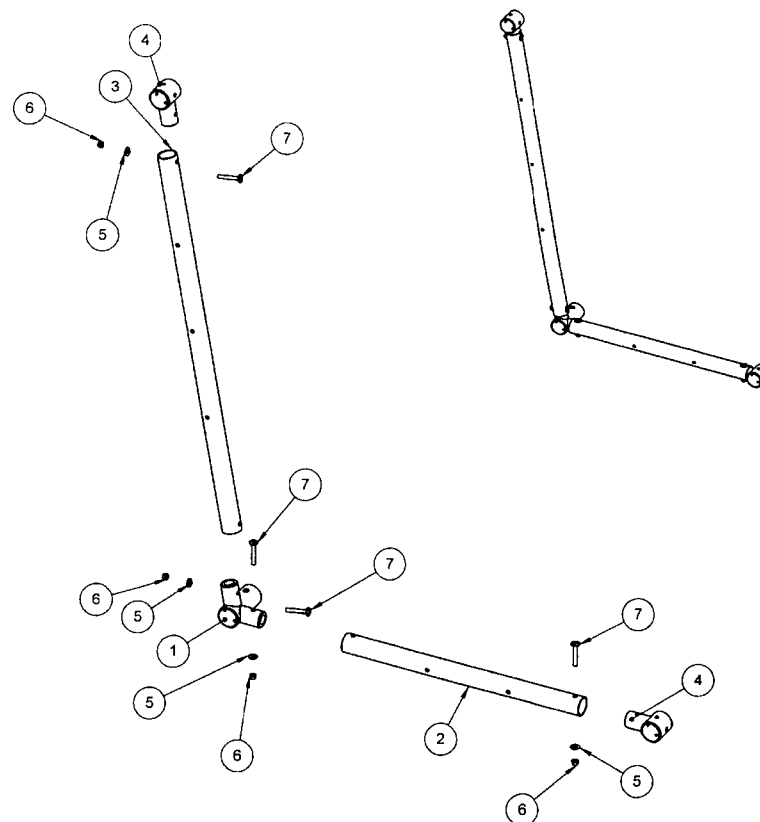
B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
1	D3763-043	END FITTING ASSY, LH	1
2	D3770-1	TUBE	1
3	D3770-3	TUBE	1
4	D3763-041	END FITTING ASSY	2
5	NAS1149D0332J	WASHER (AN960JD10L)	4
6	MS21042L3	NUT	4
7	AN525-10R20	SCREW	4

△  
B  
△  
B  
△  
B



**D3784-043 SEAT SUPPORT ASSY, LH**

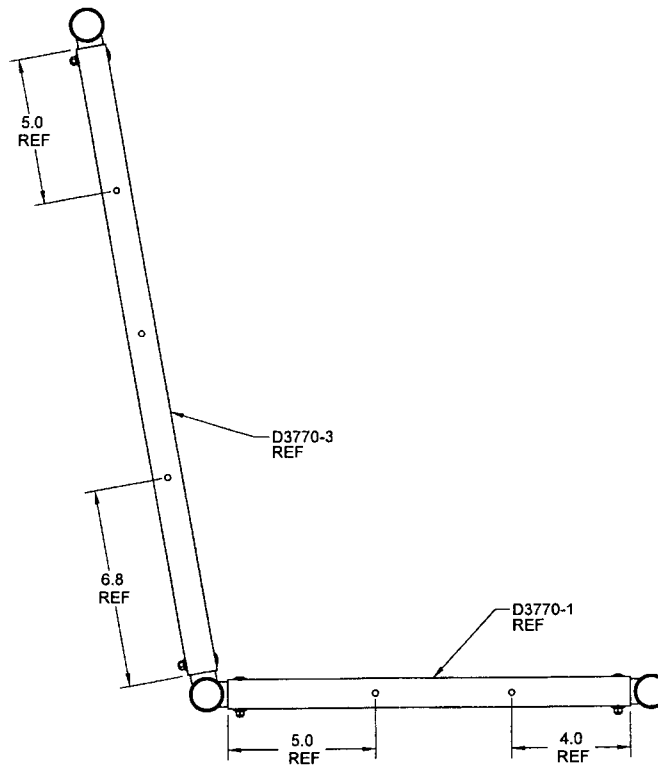
*a/o 56320*

RELEASED  
08-07-10

NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.78 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	PH	DRAWING NO.	REV. B
MFG. APPR.	MD	<b>D3784</b>	SHEET 2 OF 5
APPROVED	MD	TITLE	SCALE
DE APPR.	MD	<b>SEAT SUPPORT ASSEMBLY</b>	NTS
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1



**D3784-043 SEAT SUPPORT ASSY, LH**

w/o 54320

08-07-10 1/14

DESIGN	HS	<b>DART AEROSPACE LTD</b>	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	HS	DRAWING NO. <b>D3784</b>	REV. B
MFG. APPR.		TITLE	SHEET 3 OF 5
APPROVED		<b>SEAT SUPPORT ASSEMBLY</b>	SCALE
DE APPR.			NTS
DATE	08.06.23	<small>COPYRIGHT © 2008 BY DART AEROSPACE LTD          THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8 7 6 5 4 3 2 1

D

D

C

C

B

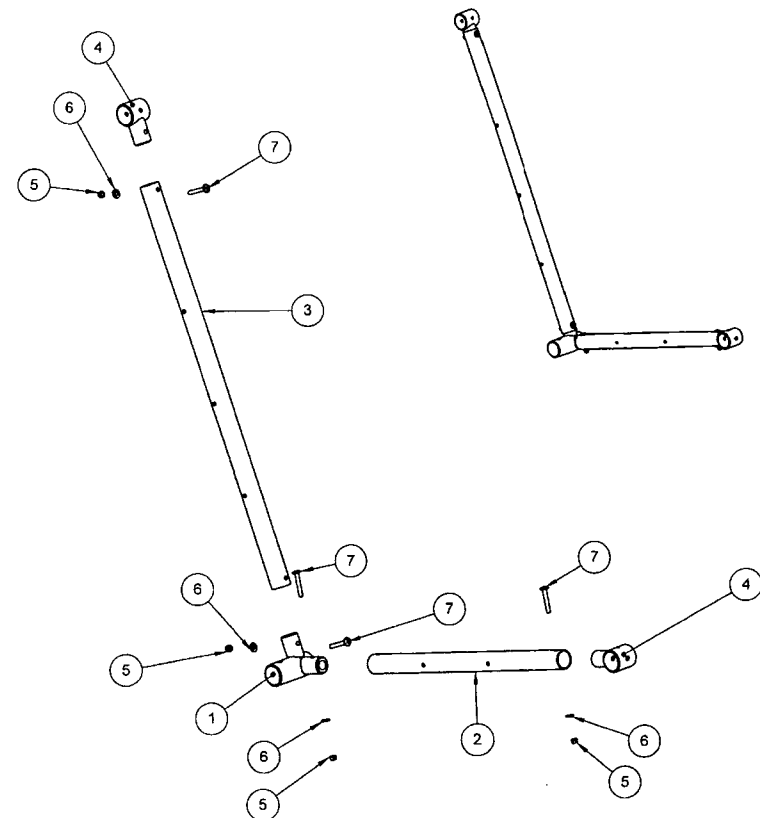
B

A

A

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-044)
1	D3763-044	END FITTING ASSY, RH	1
2	D3770-1	TUBE	1
3	D3770-3	TUBE	1
4	D3763-041	END FITTING ASSY	2
5	MS21042L3	NUT	4
6	NAS1149D0332J	WASHER (AN960JD10L)	4
7	AN525-10R20	SCREW	4

△  
B  
△  
B  
△  
B



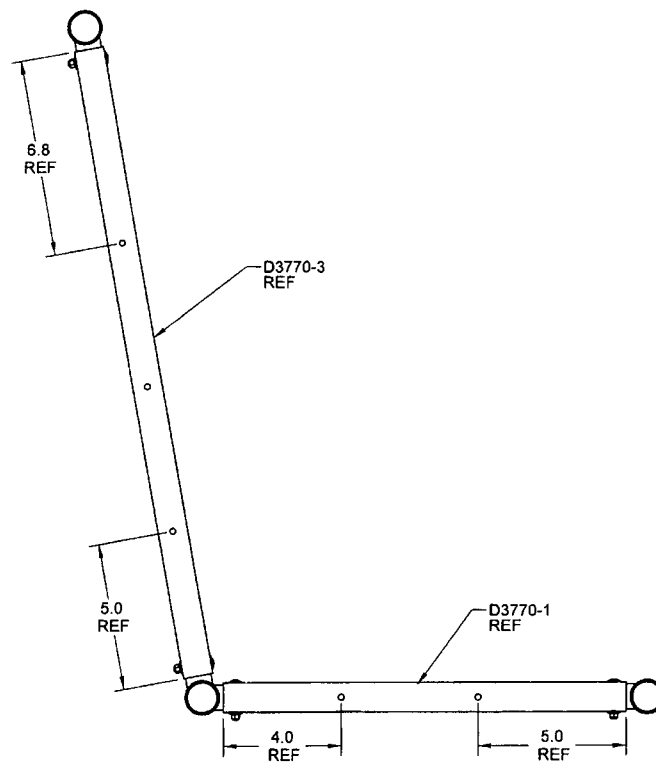
**D3784-044 SEAT SUPPORT ASSY, RH**

W/056320  
11-10-10 JHP

- NOTES:  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: N/A  
7) WEIGHT: 0.78 lbs

DESIGN	HS	<b>DART AEROSPACE LTD</b>	
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	HS	DRAWING NO.	REV. B
MFG. APPR.	HS	D3784	SHEET 4 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	HS	SEAT SUPPORT ASSEMBLY	NTS
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1



**D3784-044 SEAT SUPPORT ASSY, RH**

*w/o 56320*

*11-08-07 10:11:00*

DESIGN	HS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>41</i>	<b>D3784</b>	SHEET 5 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>SEAT SUPPORT ASSEMBLY</b>	NTS
DATE	08.06.23	COPYRIGHT © 2008 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	